## CONFIDENTIAL: To be treated as strictly confidential until released for publication as follows:-

EVENING PAPERS .. FRIDAY, 19TH JANUARY, 1940.
MORNING PAPERS .. SATURDAY, 20TH JANUARY, 1940.

#### EMPLOYMENT AND UNEMPLOYMENT: DECEMBER QUARTER, 1939.

The latest available statistics, from various sources, which offer some indication of the movement of Employment and Unemployment throughout Australia have been issued by the Commonwealth Statistician (Dr. Roland Wilson).

Employment in Factories. The number of persons employed in Australian factories in 1938-39 was 22.6% greater than in the pre-depression year of 1928-29, but was 1.4% less than in the year 1937-38. When the growth in employee population is taken into account, the 1938-39 index number was 8.7% greater than the 1928-29 index and 2.3% less than the index for 1937-38.

A comparison of factory employment in November, 1939 (the latest month of for which figures are available for all States) with November, 1938, shows the following estimated percentage changes:- New South Wales, +3.2; Victoria, nil; Queensland, +3.3; South Australia, -0.9; Western Australia, -1.8; Tasmania, +7.3; Australia, +1.8 (or taking account of the growth of employee population, +0.7.

Employment in Retail Stores. The index number for Australia for the year 1938-39 indicates a 30% increase in employment since July, 1933 (the first date for which figures are available), and a 1.3% increase since 1937-38. When the growth of employee population is taken into account the increases are 22.5% since July, 1933 and 0.2% since 1937-38.

A comparison of employment in retail stores in November, 1939 (the latest month for which figures are available for all States) with November, 1938, shows the following estimated percentage changes: - New South Wales, +0.8; Victoria, +0.7; Queensland, +1.7; South Australia, -4.3; Western Australia, -2.6; Tasmania, +6.9; Australia, +0.2 (or, taking account of the growth of employee population, -0.8).

/MONTHLY

#### MONTHLY INDEX OF FACTORY EMPLOYMENT EXCLUDING WORKING PROPRIETORS (a)

(Base: Average for year 1928-29 = 100)

																		-					Austi	alia		
	Period		1	New South Wales		Victoria		Queensland		South Australia		Western Australia		1	Ta	smani	a	Unad justed Index		ed	Index divided Index of Employ Population		loyee			
Numbe	r of Employees, 1	L928-29	F. 4	9,53 4,58 4,12	1	F. 5	8,06 1,19 19,26	8	F. 7	,581 7,855 3,436		F.	9,01 6,36 5,37	2	F.	16,0 3,7 19,7	60	F.	7,703 2,281 9,984		F.	315,94 116,03 431,98	37;		••	
Index	for 1926-27 1927-28 1928-29 1929-30 1930-31 1931-32 1932-33 1933-34 1934-35 1935-36 1936-37		M. 100 99 100 90 68 66 73 82 93 104 112	98 97 100 91 75 79 86 94 107 116 125	98 100 90 70 69 76 85 97 107 115	96 106 117 123	99 98 100 98 83 90 101 107 113 119 121	97 80 81 92 100 108 117 123	101 100 95 83 78 80 86 92 97 103	94 85 84 92 99 105 110 116	99 100 <b>94</b> 84 <b>79</b> 82 88 94 99 <b>106</b>	106 100 87 63 61 68 77 89 104 110	109 106 100 89 71 76 84 89 97 110 113	112 106 100 87 64 64 71 80 91 105 111	94 68 61 68 75 83 99 107	98 76 75 81 85 92 106 113	100 94 69 63 70 77 85 100 108	100 105 85 84 86 93 101 112 122	88 1 104 1 100 1 99 1 83 87 90 89 97 1 103 1	.06 .00 .04 .84 .85 .87 .92 .00 .10	72.9 70.4 77.6 86.1 96.3 107.0 114.4	97.8 100.0 94.6 79.1 84.1 93.1 99.4 108.4 116.2 121.2	99.7 100.0 93.0 74.6 74.1 81.8 89.7 99.6 109.4 116.3	73.7 80.8 89.4 98.4 104.1	99.8 100.0 92.9 76.4 80.0 87.3 92.0 98.9 105.0 108.3	101.7 100.0 91.5 78.4 71.0 77.4 84.0 92.2 100.2 105.3
1025	1937-38 1938-39(b) - November(a)	••	С	С	125	127	121	125	115	125	117	115	120	116	108	117	110	132	113 1	28	121.5	125.6	122.6	110.7 108.4 111.6	109.6	108.7
1937	December	••	122	137	126	133	127	131	112	125	114	123	120	122	112	119	113	135	105 1	.28	124.2	129.5	125.6	111.9	114.4	112.5
1938	- January February March	••	122	135	125	134	130	133	107	124	110	124	126	124	111	118	112	137	116	132	123.8	130.8	125.7	111.4	115.3	108.9 112.4 114.0

### MONTHLY INDEX OF FACTORY EMPLOYMENT EXCLUDING WORKING PROPRIETORS (Continued)

							Austr	alia
Period	New South			South	Western			Index divided by
161100	Wales	Victoria	Queensland	Australia	Australia	Tasmania	Unadjusted	Index of Employee
							Index	Population
	M. F. T	. M. F. T	. M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M.   F. T.
1938 - April	122 137 12							112.2 115.7 113.1
May	123 137 12	7 134 127 13	2 113 123 115	121 124 122	111 117 112	133 112 128	124.7 130.0 126.2	111.9 114.3 112.6
June	124 136 12	7 132 125 130	0 115 124 117	117 119 117	110 116 111	130 111 125	124.2 128.3 125.3	111.4 112.7 111.7
July (b)	12	5 128 121 12	5 115 118 115	112 109 111	107 111 107	128 112 124	121.7 124.2 122.4	109.0 109.0 109.0
August	12	6 126 125 126	6 120 121 120	109 116 110	106 114 108	129 113 125	121.4 128.2 123.2	108.7 112.4 109.6
September	12	5 127 125 126	6 122 124 122	113 120 114	106 114 107	127 107 122	121.9 128.4 123.7	109.0 112.4 110.0
October	12	6 128 123 126	6 119 130 121	114 122 115	108 118 110	130 105 124	122.7 127.9 124.0	109.7 111.9 110.1
November								110.0 111.0 110.2
December	12	5   128   117   124	4   119   127   121	115 120 116	112 120 113	131 104 125	123.7 123.6 123.6	110.4 107.9 109.6
	Not							
1939 - January	Avail - 12							106.8 99.9 104.9
February	able 12							107.7 108.5 107.9
March	. 12							107.9 112.1 109.0
April								106.9 113.8 108.8
May								108.1 108.5 108.1
June	12							106.2 108.3 106.7
July								105.1 106.4 105.3
August					102 117 104	126 109 122	118.0 126.2 120.2	104.6 109.4 105.8
September				110 124 112				104.9 111.2 106.6
October								108.2 112.3 109.4
November	13	127 129 12	7   123   132   124	112   131   116	105 125 109	139 111 133	123.3 135.2 126.4	109.0 116.8 111.0
Number of Factories in Sample	1901	100	150	147	92	49	24	39
Percentage of employees in sample in 1937-38	86	21	46	62	32	56	. 5	4 *-

<sup>(</sup>a) The indexes for 1937-38 are based on the final factory returns. From July, 1938, the indexes have been computed on the basis of the 1937-38 final figures.

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<sup>(</sup>b) After June, 1938, indexes are based on sample returns, and male and female indexes for Australia are calculated on the assumption that the change in masculinity in the six States is equal to the change in the five States other than New South Wales for which State sample masculinity figures are not available.

<sup>(</sup>c) Not available.

## MALES EMPLOYED IN FACTORIES AS PERCENTAGE OF ALL PERSONS EMPLOYED IN FACTORIES

Year	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	AUSTRALIA
1926-27 1927-28 1928-29 1929-30 1930-31 1931-32	74.8 74.8 74.4 74.1 72.6 70.7	66.3 66.2 65.7 65.1 64.4 62.1	83.8 83.2 81.9 81.6 80.8	82.4 82.0 82.0 81.7 80.2 78.6	81.7 81.2 81.0 80.3 79.3 77.6	80.2 77.6 77.2 78.2 77.5 76.6	73.8 73.6 73.1 72.7 71.5 69.5
1932-33 1933-34 1934-35 1935-36 1936-37 1937-38 1938-39	71.0 71.5 71.8 72.2 72.2 72.4 n.a.	62.2 63.2 64.1 65.3 66.1 66.6 66.9	79.8 79.7 79.7 80.0 80.1 80.6 80.6	78.5 79.8 80.8 81.2 81.6 81.9	78.2 78.9 79.4 80.1 80.3 80.2 79.8	76.4 77.9 78.0 78.6 80.0 80.3 79.8	69.4 70.2 70.8 71.5 72.0 72.3 72.4
1937 - November December	72.3 72.2	<b>66.4</b> 66.7	80.7	82.0 82.4	79.8 80.0	81.4 81.3	72.2 72.3
January February March April May June July (a) August September October November December	73.4 72.4 72.2 72.1 72.3 72.6 n.a. n.a. n.a. n.a.	67.8 66.3 66.2 66.6 66.8 66.9 67.0 66.1 66.7 66.9 67.8	79.8 79.6 80.0 80.4 80.6 80.8 81.5 81.8 81.7 80.6 80.7	82.3 81.7 81.4 81.6 81.7 81.7 82.3 81.1 81.1 80.9 81.2	80.3 80.1 80.4 80.2 80.2 80.2 80.5 79.9 79.8 79.7 79.7	80.0 79.9 79.4 80.2 80.0 79.8 79.4 79.3 80.1 80.7 81.4 81.0	73.1 72.0 72.0 72.1 72.3 72.5 (b)72.7 72.0 72.1 72.3 72.5 73.2
January February March April May June July August September October November	n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	69.2 67.0 66.1 65.5 67.3 66.7 66.3 65.5 65.3	79.8 79.6 79.4 80.1 80.5 80.7 81.9 81.5 81.4 81.5	81.5 81.8 81.2 81.7 81.7 80.7 81.4 81.2 80.2 79.8 79.7	80.0 79.5 79.8 79.7 79.4 79.3 79.5 78.8 78.1 77.9 78.2	79.7 78.3 79.5 78.5 80.1 80.2 79.8 79.7 80.5 80.9 80.8	73.8 72.3 71.8 71.4 72.7 72.3 72.4 71.8 71.5 71.7

n.a. not available.

Note: This table has been revised to exclude working proprietors.

- (a) From July, 1938, the percentages are based on estimates computed from returns from "sample" factories.
- (b) From July, 1938, the percentage for Australia is calculated on the assumption that the change in masculinity in the six States is equal to the change in the five States, other than New South Wales, for which sample masculinity figures are not available.

#### MONTHLY INDEX OF EMPLOYMENT IN RETAIL STORES

(Base: July, 1933 = 100)

AND THE PERSON NAMED AND POST OF THE PERSON N	Names are a substitution of the second secon	gggamminggge-sa agila smile anagsanii(nee) s			remark exception resignments electric to make smooth or visite.	noto a service of the	racción intenta sur sira e / dl; ruel decamentació	BIL Northbrok Art (1978) ABBROK AB Selved (1965) OF BUTTER SELECT Garden
							Aus	stralia
Month	New South Wales	Vic- toria	Queens- land	South Aus- tralia	Western Aus- tralia	Tasmania	Unad- justed Index	Index divided by Index of Employee Population
Index for - 1934-35 1935-36 1936-37 1937-38 1938-39	111 118 124 130 132	118 130 137 141 142	106 109 111 112 114	108 114 115 115 114	105 110 115 116 116	103 112 119 118 133	111.6 119.4 124.7 128.3 130.0	109.8 116.2 120.1 122.2 122.5
November December	129 144	143 161	110 123	115	116 126	125 138	128.8	122.9 137.1
January February March April May June July August September October November December	128 131 128 129 129 131 134 129 128 129 132 148	144 139 140 140 141 142 139 135 137 142 146 165	111 110 112 112 113 111 111 111 110 115 127	115 112 113 114 114 114 114 112 118 113 116 124	122 116 115 117 115 114 120 113 114 115 116 131	126 124 123 125 126 126 130 127 127 128 130 146	128.9 127.9 126.7 127.7 128.3 129.1 129.4 126.0 136.7 128.0 131.3 146.9	122.7 121.7 120.5 121.4 121.7 122.4 122.5 119.2 119.8 120.9 123.9 138.5
January February March April May June July August September October November	129 134 129 129 131 130 133 129 129 130 133	142 131 139 139 141 142 138 137 137 141 147	113 113 113 112 114 118 116 114 114 114 117	111 112 111 111 111 113 110 109 112 109 111	120 113 113 113 113 113 119 114 111 111	137 131 132 133 134 138 134 133 135 139	128.8 129.8 127.2 127.4 123.7 129.5 129.4 126.8 126.7 128.1 131.6	119.7 120.8 121.4 121.2 118.7 118.4
Number of establishment now furnishin returns		102	120	35	69	14	939	939

## INDEXES OF EMPLOYMENT IN NEW SOUTH WALES AND QUEENSLAND

Working from the basis of the results of the Census of 30th June, 1933, and from compilations made from returns of employers in remitting wages tax and returns collected from Government Departments, the Government Statistician of New South Wales has prepared an index of employment and unemployment covering all persons dependent on employment in New South Wales. The Director of the Bureau of Industry of Queensland publishes a table compiled from census results, unemployed insurance contributions, workers' compensation records, and shop and factory returns. The table gives a comprehensive statement of all persons in work (other than relief work) in Queensland, whether as employees, employers or independent workers. A full percentage of unemployment, covering the whole working population, is also shown; this percentage can be defined as the ratio of the number of persons seeking and capable of work and not in work, to the total of the working population.

#### NEW SOUTH WALES

#### Percentages of Employment and Unemployment - All available wageearners

		entage of a				
Period	ployed the equivalen	(a) Including as employed the full-time time requivalent of all part-time relief workers (b) Inclusions				
	Employed	Unemployed	Employed	Unemployed		
Census of 30th June, 1933	74.4	25.6	73.5	26.5		
1936 - June 1937 - June 1938 - June November December 1939 - January February March April May June July August September October November	89.3 93.5 96.1 95.6 96.5 93.0 94.4 94.2 94.6 94.3 93.7 93.8 93.7 93.8 93.5 94.0 95.0 95.4	10.7 6.5 3.9 4.4 3.5 7.0 5.6 5.8 5.4 5.7 6.3 6.2 6.5 6.0 5.0 4.6	87.1 92.3 95.1 94.6 95.4 91.9 93.3 93.2 93.5 93.5 92.6 92.7 92.4 93.0 94.1 94.6	12.9 7.7 4.9 5.4 4.6 8.1 6.7 6.8 6.5 6.7 7.4 7.3 7.6 7.0 5.9 5.4		

The indexes were revised in November, 1937. In estimating the increase in the number of persons dependent on employment allowance is now made for (a) increase in the proportion of females who are wage-earners, and (b) youths who were without occupation but were not recorded in the wage-earning group at the Census of 1933. Adjustment for seasonal variations in employment is not made except in respect of casual retail employees in December. At the Census of 30th June, 1933, 15,142 persons dependent on employment returned themselves as unemployed by reason of illness, accident, etc. or 'voluntarily". This number, representing 1.8 per cent. of all persons dependent on employment is excluded from the above indexes, which relate to percentages of available wage-earners, employed and unemployed. The approximate number of persons in private employment was 478,000 in June, 1933; 653,000 in June, 1937; 689,000 in June, 1938; and 706,000 in November, 1939.

QUEENSLAND

Numbers in Work and Percentages of Unemployment

Michael Institute (Michael Continue) and and additional and and an applicational distributions and area from the continue of t		Numbers	in Work	`	Percent-
Period	Employers and Work- ers on Own Account	Employees	Working for No Wages	Total	age of Unemploy- ment
Average -  1926-27 1927-28 1928-29 1929-30 1930-31 1931-32 1932-33 1932-33 1934-35 1935-36 1935-36 1936-37 1937-38 1937-38 1938-39 Three months ended - July, 1939 August, 1939 November, 1939 November, 1939 November, 1939	83,000 84,600 86,300 88,000 89,700 91,400 93,100 94,700 96,800 98,900 100,900 103,000 105,100 106,200 106,200 106,600 106,600 106,800	212,900 212,400 204,400 202,800 190,000 181,300 184,600 194,700 214,500 223,500 234,500 245,800 257,700 265,800 263,500 260,500 259,400 259,800	8,900 9,000 9,100 9,200 9,300 9,400 9,400 9,600 9,700 9,900 10,100 10,300 10,500	304,800 306,000 299,800 300,000 289,000 282,100 287,100 299,000 321,000 332,300 345,500 359,100 373,300 382,400 380,300 377,500 376,600 377,200	9.4 10.1 13.0 13.6 17.7 20.3 19.4 17.3 13.0 11.7 10.0 8.3 6.3

The above table, compiled by the Queensland Bureau of Industry from census results, unemployed insurance contributions, workers' compensation records, and shop and factory returns, replaces that formerly published herein. It should be noted that the table covers the whole of the working population.

The figures for three-monthly periods have been corrected for seasonal variation.

#### TASMANIA : EMPLOYMENT

The following table compiled from the wages tax returns of private employers in respect of their employees, whether subject to or not subject to tax, and from returns of Commonwealth, State and Local Government employment, gives the best measure available of the course of total employment in Tasmania.

Perio	d	Priva	te Indu	stry	Public	Author	ities	Total Employment Public and Private			
		М.	F.	Total	M.	F.	Total	Ш.	F.	Total	
1936-37	• •	30,858	9,522	40,380	10,798	1,763	12,561	41,656	11,285	8	
1937-38		34,001	10,685	44,686	10,581	1,825	12,406	44,582	12,510	57.092	
1938-39		37,021	11,996	49,017	10,486			47,507			
1938-39 -											
July		34,270	11,138	45,408	10.591	1.873	12.464	44,861	13.011	57.872	
August		34,794	11,192	45,986	10,667			45,461			
September		35,021	11,289	46,310	10,593			45,614			
October				46,870				46,206			
November				48,335				47,319			
December				49,739				48,279			
January		38,094	13,061	51,155	10.249			48,343	9 "		
February		38,523	12,662	51,185	10.624			49,147			
March		40,816	13,428	54,244	10.637			51,453			
April		38,913	12.355	51,268	10,167			49,080			
May				49,954				48,062			
June				47,747				46,260			
1939-40 (a)			,	.,,	20,200	2,000	10,200	10,200	10 9020	22,000	
July		36,769	11,473	48,242	10-100	1.948	12.048	46,869	13 421	60.200	
August				48,472				47,293			
Sept mber				48,592				47,326			
October		37,661	11,703	49,364	10.665			48,326			
November				50,994				49,376			

<sup>(</sup>a) See Note 2 below.

- 1. For periods up to and including June, 1939, the figures in the table may be regarded as providing a virtually complete record of total employment. They are a combination of monthly figures received currently and annually, covering both private and public employment. They are deficient only to the inappreciable extent that some relief and other intermittent workers and domestic workers in private homes are not covered by the monthly returns. On the other hand, to the extent that they embrace the majority of workers subject to intermittent employment over the whole year, they reflect fully the seasonal and all other influences upon employment in Tasmania.
- 2. For the months of 1939-40 the figures are estimates based upon the current monthly movements of all public authority employment and of about 44 per cent. of total private employment. For a given month the figure of total private employment of the corresponding month of the previous year is changed in the ratio of the change of the current figure of private employment. The indication of the position for all employment in Tasmania given by this technical procedure must be read in the light of other indications of current change.

#### UNEMPLOYMENT

#### QUARTER ENDED DECEMBER, 1939.

The figures relating to unemployment among members of Trade Unions are, similarly to those published in the past, derived from returns furnished by Trade Unions.

The percentages of recorded unemployment among members of reporting Trade Unions for Australia as a whole are given below for the June quarter of 1932, when unemployment was at its maximum and for each quarter from December, 1934 onwards -

#### AUSTRALIA

1932	-	June quart	er	30.0	per	cent
1934		December	11	18.8	11	11
1935	-	March quar June September December	ter "	18.6 17.8 15.9 13.7	11	11 11 11
1936	cos	March quar June September December	ter "	13.4 12.8 12.0 10.7	11 17 11 11	99 69 87 11
1937	-	March quar June September December	rter	9.9 9.7 9.3 8.2	11 11 11	17 17 17
1938	-	March quar June September December	rter	8.0 8.6 9.2 8.9	11 11	11 11 11
1939	-	March quar June September December	ter "	9.8 9.7 10.4 9.5	11 11 11	11 11 11

It should be noted that the figures refer to the mid-month of each quarter, and represent the conditions at the middle of that month. Consequently, the latest figures referred to herein relate to the middle of November, 1939.

Following the peak point (30 per cent.) in unemployment attained in the June quarter of 1932 the percentage dropped continuously to 8 per cent. in the March quarter of 1938, the lowest figure since August, 1927, when it was 6.7 per cent. After March, 1938, the index commenced to rise again, and, with minor fluctuations, reached 10.4 per cent. in the September quarter, 1939, but fell to 9.5 per cent. in the December quarter, 1939.

The usual tables for Trade Union Unemployment are appended.

# AUSTRALIA Number and Membership of Trade Unions Reporting and Number and Percentage of Unemployed : March quarter, 1929 to December quarter, 1939.

Australia		March Quarter 1929	June Quarter 1932	June Quarter 1933	Decem- ber Quarter 1938	March Quarter 1939	Quarter	Septem- ber Quarter 1939	Decem- ber Quarter 1939
Number of Unions Membership Unemployed -		375 420,304	396 413,272			395 475,378			392 479,348
Number Percentage		39,159	123,948 30.0	106,502 25.7	41,667	46,611	46,249	49,954	45,319

#### STATES

## Percentage of Members of Trade Unions Reported as Unemployed in each State: March quarter, 1929 to December quarter, 1939.

State	March	June	June	December	March	June	September	December
	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter
	1929	1932	1933	1938	1939	1939	1939	1939
New South Wales Victoria Queensland South Australia Western Australia Tasmania (a) AUSTRALIA:	% 9.7 8.6 7.1 13.2 8.5 10.9	33.2 27.7 19.9 35.2 30.3 27.5	% 29.6 23.0 15.6 30.0 26.0 18.4	% 10.1 9.0 5.7 8.8 6.5 10.2	% 11.0 10.8 6.1 9.3 7.3 7.6	% 11.1 10.4 5.7 9.5 6.2 9.4	% 12.1 11.2 5.8 9.4 8.2 8.3	% 11.6 9.0 5.8 9.1 6.6 7.1

(a) Revised Series. These percentages, which replace those published prior to March Quarter, 1939, are based on the returns of reporting unions after excluding certain females from Class III (Food, drink, etc.). The females excluded, although substantially all employed from January to March, are for the rest of the year not "unemployed" in the sense that they are seeking jobs unsuccessfully in their own industry. They are either employed in other occupations (e.g. paid domestic service) or are engaged in home duties.

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ROLAND WILSON

Commonwealth Statistician

Commonwealth Bureau of Census and Statistics,

CANBERRA, A.C.T. 19th January, 1940.